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Date of Deposit 12/17/99

Our Case No. 9281-3489
Client Reference No. N US99081

PATENT APPLICATION TRANSMITTAL LETTER

To the Assistant Commissioner for Patents:

Transmitted herewith for filing is the patent application of Kiyoshi Sato and Katsuya Sugai. for SUBSTRATE HAVING MAGNETORESISTIVE ELEMENT.

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Enclosed are:

- 65 pages of application (including title page), 13 sheet(s) of drawings and the following Appendices : n/a.
- Preliminary Amendment
- Declaration and Power of Attorney for Patent Application
- Assignment transmittal letter and Assignment of the invention to : Alps Electric Co., Ltd.
- Submission of Certified Copies of Priority Documents and certified copy of Japanese Application Nos. 10-354341 and 10-366330.
- Information Disclosure Statement, Form PTO-1449 and Reference(s) A1.

Claims as Filed	Col. 1	Col. 2
For	No. Filed	No. Extra
Basic Fee		
Total Claims	17-20	0
Indep. Claims	3-3	0
Multiple Dependent Claims Present		

Small Entity	
Rate	Fee
	\$ 380
x\$9=	\$
x\$39=	\$
+\$130=	\$
Total	\$

Other Than Small Entity	
Rate	Fee
	\$ 760
or	\$ 760
or	\$ 0
Total	\$ 760

*If the difference in col. 1 is less than zero, enter "0" in col. 2.

- Please charge my Deposit Account No. 23-1925 in the amount of \$ _____. A duplicate copy of this sheet is enclosed.
- A check in the amount of \$760 to cover the filing fee is enclosed.
- The Assistant Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - Any additional filing fees required under 37 CFR § 1.16.
 - Any patent application processing fees under 37 CFR § 1.17.
- The Assistant Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
 - Any filing fees under 37 CFR § 1.16 for presentation of extra claims.
 - Any patent application processing fees under 37 CFR § 1.17.
 - The issue fee set in 37 CFR § 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR § 1.311(b).

12/17/99

Date

Gustavo Silber, Jr.
BRINKS HOFER GILSON & LIONE
Registration No. 32,305

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Our Case No. 9281/3489
Client Reference No. N US99081

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Kiyoshi Sato et al.)
Serial No. To Be Assigned)
Filing Date: Herewith)
For SUBSTRATE HAVING)
MAGNETORESISTIVE ELEMENT)

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09/456151
12/07/99



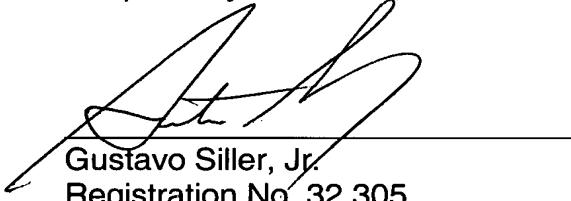
SUBMISSION OF CERTIFIED COPIES OF PRIORITY DOCUMENTS

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Transmitted herewith are certified copies of priority documents Japanese Patent Application Nos. 10-354341, filed December 14, 1998; and 10-366330, filed December 14, 1998, for the above-named U.S. application.

Respectfully submitted,



Gustavo Siller, Jr.
Registration No. 32,305
Attorney for Applicants

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